

TIMELINE OF FEDERAL MOTOR VEHICLE SAFETY STANDARDS

BY YEAR* AND NOTABLE TECHNOLOGIES



1967

- Seat belts
- Energy absorbing steering assemblies
- Door locks, latches, and hinges
- Occupant protection in interior impact
- Dual cylinders / Front disc brakes
- Trailer conspicuity tape

1970

- Child safety seats
- Side-impact protection

1984

Frontal air bags

First seat belt law enacted in New York

1995

Improved 6-year-old dummy for testing car seats

2000

Advanced air bags

2007

Electronic Stability Control (ESC)

2011

Rollover Curtain Air Bags

1968

Adhesive windshield bonding

1971

Roof crush resistance

1975

3-point belts extended to LTVs

1990

Dynamic side-impact test

1999

Child safety seat upper and lower tethers

2003

Fuel system integrity

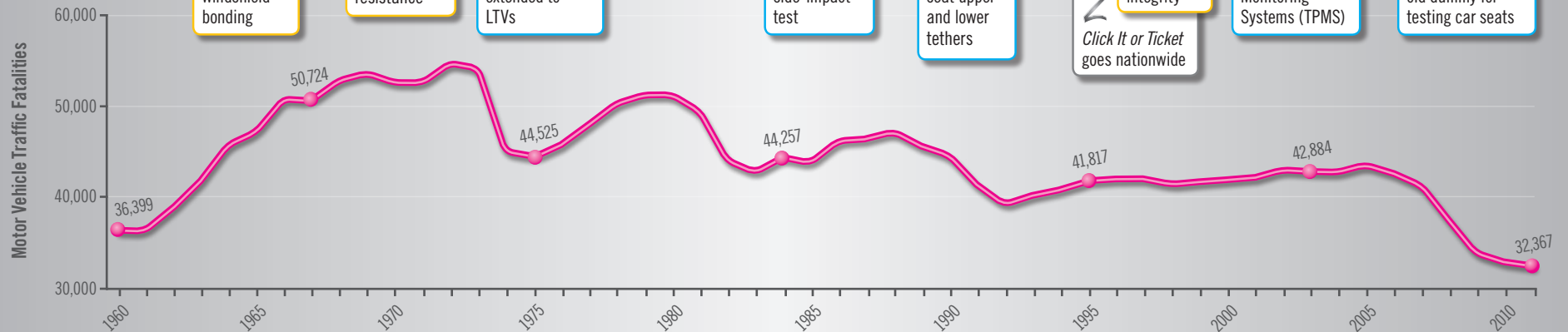
Click It or Ticket goes nationwide

2005

Tire Pressure Monitoring Systems (TPMS)

2012

Improved 10-year-old dummy for testing car seats



LIFESAVING Technologies



OTHER Advances



SIGNIFICANT Seat Belt Milestones



MOTOR VEHICLE Traffic Fatalities

*Date of rule finalization.



U.S. Department of Transportation
National Highway Traffic Safety Administration

NHTSA
www.nhtsa.gov

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FEDERAL REGISTER NOTICES:

31 (March 8, 1966): 4091, GSA proposes safety standards for Federally purchased vehicles.

31 (July 15, 1966): 9631, GSA final rule, safety standards for Federally purchased vehicles.

31 (December 3, 1966): 15212, NPRM for the initial FMVSS.

32 (February 3, 1967): 2414, final rule for the initial FMVSS, including FMVSS Nos. 103, 105, 108, 201, 203, 204, 205, 206, 207, 208, 209, 210 and 301.

[Notable technologies are seat belts; energy absorbing steering assemblies; door locks, latches, and hinges; occupant protection in interior impact; dual cylinders / Front disc brakes; and trailer conspicuity tape.]

32 (October 13, 1967): 14278, ANPRM to consider regulations to limit roof crush and intrusion.

32 (December 16, 1967): 18033, final rule extending FMVSS No. 108 to cars and LTVs.

32 (December 28, 1967): 20865, NPRM to establish FMVSS No. 202 for passenger cars.

33 (February 14, 1968): 2945, final rule establishing FMVSS No. 202 for passenger cars.

33 (August 16, 1968): 11652, final rule establishing FMVSS No. 212 for passenger cars. [Adhesive windshield bonding]

33 (October 5, 1968): 14971, ANPRM announcing the intention to regulate side door strength.

33 (December 11, 1968): 18386, first NPRM proposing FMVSS No. 214.

34 (January 24, 1969): 1150, final rule extending FMVSS No. 206 to trucks, buses and multipurpose passenger vehicles.

34 (July 2, 1969): 11148, initial ANPRM to consider air bags or other automatic protection.

35 (January 21, 1970): 813, second NPRM proposing FMVSS No. 214.

35 (April 23, 1970): 6513, third NPRM proposing FMVSS No. 214.

35 (May 7, 1970): 7187, initial NPRM for automatic occupant protection, did not become a final rule.

35 (September 23, 1970): 14778, final rule establishing FMVSS No. 213. [Child Safety Seats]

35 (September 30, 1970): 15222, final rule extending the original FMVSS No. 208 to LTVs.

35 (September 25, 1970): 14936, NPRM proposing to add a knee impact test to FMVSS No. 201, never became a final rule.

35 (October 30, 1970): 16801, final rule establishing FMVSS No. 214 (side door strength, passenger cars). [Side-impact protection]

35 (November 11, 1970): 17345, original NPRM to establish FMVSS No. 105a for passenger cars, effective October 1, 1972.

36 (January 6, 1971): 166, NPRM to establish FMVSS No. 216 for passenger cars.

36 (March 10, 1971): 4600, final rule amending FMVSS No. 208 to require shoulder belts and warning buzzers in all cars, and to permit automatic occupant protection.

36 (December 2, 1971): 22902, final rule extending FMVSS No. 207 to LTVs.

36 (December 8, 1971): 23299, final rule establishing FMVSS No. 216 for passenger cars. [Roof crush resistance]

37 (September 2, 1972): 17970, original final rule establishing FMVSS No. 105a in passenger cars and LTVs, effective September 1, 1974 (subsequently revised).

38 (May 18, 1973): 13017, delays FMVSS No. 105a to September 1, 1975 (subsequently revised).

38 (June 20, 1973): 16072, final rule amending FMVSS No. 208 to require integral 3- point belts and ignition interlocks in passenger cars.

39 (February 22, 1974): 6708, renames FMVSS No. 105a to FMVSS No. 105-75 and limits it to passenger cars (subsequently revised).

39 (March 19, 1974): 10268, NPRM proposing to upgrade FMVSS No. 202, including fixed head restraints for drivers, never became a final rule.

39 (March 21, 1974): 10588, final rule adding lateral and rear impact tests to FMVSS No. 301 and extending the standard to LTVs.

39 (October 31, 1974): 38380, final rule amending FMVSS No. 208 to delete the interlock requirement.

39 (November 21, 1974): 40857, minor revisions to FMVSS No. 301 final rule of March 21, 1974.

39 (December 6, 1974): 42692, final rule amending FMVSS No. 208 to require a 4-8 second audible warning on belt use.

40 (June 9, 1975): 24525, final rule for FMVSS No. 105-75 in passenger cars, effective January 1, 1976.

40 (July 9, 1975): 28805, final rule amending FMVSS No. 208, extending 3-point belts to LTVs. [3-point belts extended to LTVs]

40 (August 6, 1975): 33036, revises fuel spillage requirements in FMVSS No. 301 final rule of March 21, 1974.

40 (October 10, 1975): 47790, revises effective dates in FMVSS No. 301 final rule of March 21, 1974.

41 (August 30, 1976): 36493, final rule extending FMVSS No. 212 to LTVs and also amending the standard, allowing NHTSA to test at a wider range of temperatures.

42 (July 5, 1977): 34288, postpones until September 1, 1978 the effective date of the ex- tension of FMVSS No. 212 to LTVs.

42 (July 5, 1977): 34289, final rule requiring automatic occupant protection, rescinded in 1981 before its effective date.

44 (November 29, 1979): 68470, final rule extending FMVSS Nos. 201, 203 and 204 to LTVs.

44 (December 13, 1979): 72131, final rule adding a 30 mph test to FMVSS No. 213.

46 (January 2, 1981): 55, final rule extending FMVSS No. 105 to LTVs

46 (January 8, 1981): 2064, final rule amending FMVSS No. 208 to add comfort and convenience standards for seat belts.

46 (February 19, 1981): 13193, Executive Order 12291 – Federal Regulation.

46 (October 29, 1981): 53419, rescission of 1977 final rule requiring automatic occupant protection.

48 (October 18, 1983): 48235, final rule amending FMVSS No. 108 to require CHMSL on passenger cars.

48 (November 16, 1983): 52065, final rule amending FMVSS No. 205 to permit the optional use of glass-plastic glazing.

49 (July 17, 1984): 28962, final rule amending FMVSS No. 208 to require automatic occupant protection in passenger cars. [Frontal air bags]

50 (August 23, 1985): 34152, final rule amending FMVSS No. 208 to postpone belt comfort and convenience standards to September 1, 1986.

54 (June 14, 1989): 25275, final rule amending FMVSS No. 208 to require 3-point belts at the outboard rear seats of cars.

54 (September 25, 1989): 39183, final rule extending FMVSS No. 202 to LTVs.

FEDERAL REGISTER NOTICES:

54 (November 2, 1989): 46257, final rule amending FMVSS No. 208 to require 3-point belts at the outboard rear seats of LTVs.

55 (January 17, 1990): 1586, NHTSA evaluation plan for automatic occupant protection.

55 (October 30, 1990): 45752, final rule upgrading FMVSS No. 214, adding a dynamic side-impact test for passenger cars. [Dynamic side-impact test]

56 (March 26, 1991): 12472, final rule amending FMVSS No. 208 to extend automatic protection to LTVs.

56 (April 17, 1991): 15510, final rule extending FMVSS No. 216 to LTVs.

56 (April 19, 1991): 16015, final rule amending FMVSS No. 108 to require CHMSL on LTVs.

56 (June 14, 1991): 27427, final rule extending FMVSS No. 214 side door strength requirement to LTVs.

57 (December 10, 1992): 58406, final rule amending FMVSS No. 108 to require conspicuity tape on heavy trailers.

58 (January 11, 1993): 3500, final rule amending FMVSS No. 108 to permit DRL on cars and LTVs.

58 (September 2, 1993): 46551, final rule amending FMVSS No. 208 to require manual 3-point belts and dual air bags in cars and LTVs.

58 (October 4, 1993): 51735, Executive Order 12866 – Regulatory Planning and Review.

59 (January 4, 1994): 281, ANPRM asking for information about the effectiveness and potential benefits of ABS technologies.

60 (April 12, 1995): 18566, ANPRM to consider upgrading FMVSS No. 301.

60 (May 23, 1995): 27233, final rule amending FMVSS No. 208 to allow manual on-off switches for passenger air bags in pickup trucks and other vehicles with small or no rear seats.

60 (July 6, 1995): 35126, final rule amending FMVSS No. 213 to use a 6-year-old dummy to test seats with higher weight limits. [Improved 6-year-old dummy for testing car seats]

60 (July 28, 1995): 38749, final rule extending the FMVSS No. 214 dynamic side impact test to LTVs.

60 (August 18, 1995): 43031, final rule – head-impact upgrade of FMVSS No. 201.

60 (September 28, 1995): 50124, final rule extending FMVSS No. 206 to the back doors of vehicles.

61 (January 24, 1996): 2004, final rule establishing FMVSS Nos. 223 and 224 to require and set performance standards for underride guards for heavy trailers.

61 (May 31, 1996): 27290, final rule amending FMVSS No. 121 to require ABS for vehicles with air brakes.

61 (July 12, 1996): 36698, ANPRM deferring indefinitely the ABS requirement for cars and LTVs.

62 (March 19, 1997): 12960, final rule modifying the FMVSS No. 208 test to permit air bags that deploy less forcefully.

62 (November 21, 1997): 62406, sets up procedures enabling the public to obtain after- market on-off switches for air bags.

63 (August 4, 1998): 41451, final rule reducing the FMVSS No. 201 test speed from 15 mph to 12 mph on target areas where a head air bag is stored.

64 (March 5, 1999): 10786, final rule establishing FMVSS No. 225 and amending FMVSS No. 213 to require upper and lower tethers on child safety seats.[Child safety seat upper and lower tethers]

64 (March 31, 1999): 15587, Federal Motor Carrier Safety Regulation (final rule) requiring all heavy trailers on the road on or after June 1, 2001 to be equipped or retrofitted with conspicuity tape.

65 (May 12, 2000): 30679, final rule amending FMVSS No. 208 to require advanced frontal air bags. [Advanced air bags]

65 (November 13, 2000): 67693, NPRM to upgrade the rear- and lateral-impact test procedures of FMVSS No. 301.

66 (January 4, 2001): 967, NPRM to upgrade FMVSS No. 202.

66 (January 12, 2001): 3388, establishes NHTSA's rollover resistance ratings based on the static stability factor.

68 (July 25, 2003): 43964, final rule updating FMVSS No. 205 to incorporate the 1996 edition of ANSI Code Z26.1.

68 (October 14, 2003): 59250, modifies NHTSA's rollover resistance ratings by considering results of a fishhook maneuver in addition to the static stability factor.

68 (December 1, 2003): 67068, final rule upgrading the rear- and lateral-impact test procedures of FMVSS No. 301. [Fuel system integrity]

69 (July 16, 2004): 42595: final rule amending FMVSS No. 213 to require Hybrid III dummies for testing safety seats.

69 (December 8, 2004): 70904, final rule requiring 3-point belts for center rear seats.

69 (December 14, 2004): 74848, final rule upgrading FMVSS No. 202, “Head restraints.”

70 (April 8, 2005): 18136, final rule for FMVSS No. 138, “Tire pressure monitoring systems.” [Tire Pressure Monitoring Systems (TPMS)]

70 (July 12, 2005): 39959, final rule establishing FMVSS No. 205(a), based on the 1977 and 1980 editions of ANSI Code Z26.1, as an alternative to FMVSS No. 205 in some situations.

71 (August 31, 2006): 57168, amends FMVSS No. 208 to increase the test speed for the belted 5th percentile female dummy from 30 mph to 35 mph.

72 (April 6, 2007): 17236, final rule for FMVSS No. 126, “Electronic stability control systems.” [Electronic Stability Control (ESC)]

72 (May 4, 2007): 25514, some amendments to the final rule upgrading FMVSS No. 202, “Head restraints.”

72 (February 6, 2007): 5385, final rule extending FMVSS No. 206 to sliding doors of vehicles and harmonizing with GTR.

72 (September 11, 2007): 51908, final rule adding a pole test to FMVSS No. 214, “Side impact protection.”

73 (July 11, 2008): 40016, NPRM to add new features to NCAP, including overall rating, pole test, information on crash avoidance technologies, 5th-percentile female dummies at some positions, and additional injury criteria.

74 (May 12, 2009): 22347, final rule upgrading FMVSS No. 216, “Roof crush resistance.”

74 (June 29, 2009): 30993, denial of petition to mandate DRL for new cars and LTVs.

74 (July 20, 2009): 35131, response to petitions for reconsideration, sets September 1, 2010, as the effective date for final rule extending FMVSS No. 206 to sliding doors of vehicles.

76 (January 19, 2011): 3212, final rule for FMVSS No. 226, “Ejection mitigation.” [Rollover Curtain Air Bags]

76 (January 21, 2011): 3821, Executive Order 13563 – Improving Regulation and Regulatory Review.

76 (July 29, 2011): 45453, final rule to add new features to NCAP, including overall rating, pole test, information on crash avoidance technologies, 5th-percentile female dummies at some positions, and additional injury criteria.

77 (February 27, 2012): 11651, final rule amending FMVSS No. 213 to set specifications for a 10-year-old dummy to test seats for larger children. [Improved 10-year-old dummy for testing car seats]

77 (August 30, 2012): 52619, final rule extending the option of manual on-off switches for frontal air bags at the RF seating position until September 1, 2015.